

OFFICE OF THE ARIZONA STATE MINE INSPECTOR

DOUGLAS K. MARTIN



NINETY-THIRD
ANNUAL REPORT
For the
CALENDAR YEAR 2004

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ANNUAL MESSAGE FROM
DOUGLAS K. MARTIN
ARIZONA STATE MINE INSPECTOR



Our Agency Mission is to administer and enforce the Mining Code of the State of Arizona for the protection of life, health and safety of the mine employees and the public in Arizona's active, inactive, and abandoned mines.

The State Mine Inspector is a statewide elected constitutional officer and the director of the Office of the State Mine Inspector. The Office of the State Mine Inspector was established by the Constitution of the State of Arizona, Article XIX. This agency enforces statutes, rules, and regulations applicable to mine safety, health, and land reclamation under ARS Title 27 Minerals, Oil and Gas and Arizona Administrative Code Title 11 - Mining.

The agency inspects the health and safety conditions and practices at active mining operations; investigates mine accidents, employee and public complaints; and conducts federally certified miner and instructor safety training. The agency administers \$156 million in reclamation assurances and enforces the Mined Land Reclamation laws, rules and regulations for the restoration of disturbed lands to a safe and stable environmental condition. The agency promotes public safety regarding abandoned mines by "Stay Out Stay Alive" promotions, presentations and publications; complaint investigations; mine owner ARS 27-318 compliance notifications; identification, hazard assessment, prioritization, posting and securing of safety hazards.

Four interagency programs exist to accomplish our mission.

- The Mine Safety Enforcement Program performs frequent health and safety inspections at active mines and related facilities; conducts investigations of mine accidents, employee and citizen complaints; and provides certification classes in mine rescue and first aid. The program issues violations, cessation orders, mine elevator operating permits and underground diesel equipment operating permits as tools to promote safe and healthful work conditions. Operations under this program's jurisdiction include asphalt hot plants, concrete batch plants, aggregate pits, quarries and processing plants; underground and open pit mines, mills, SX-EW Plants, smelters, refineries, and rod plants. Jurisdiction also covers contractor employees working at mine sites. Additionally, Deputy Mine Inspectors perform complaint investigations and land owner compliance inspections (ARS 27-318) at abandoned mines to support the Abandoned Mines Inventory & Remediation Program.
- The Education and Training Program certifies MSHA instructors, develops lesson plans, conducts classes, and organizes safety conferences for mine safety education and training. The emphasis is placed on miner's rights and current health and safety regulations in compliance with the Federal Mine Safety and Health Act of 1977, Title 30 CFR, Part 46, 47, 48, 49, 56, 57, 58 and 62.

In addition to mining company employees, contractors, vendors and others regularly exposed to mine hazards at a mine property are required to have various levels of training furnished by the Education and Training division.

- The Abandoned Mines Safety Program's efforts fall into two categories; the inventory of abandoned mine sites and the administration of the securing, remediation, and closure of abandoned mines. Field surveys locate mines within the 72,931,840 acres that comprise the State of Arizona. This survey records the exact location of abandoned mines using a global positioning satellite system. The inventory's objective is to produce an accurate count of abandoned mines, and describe the significant safety hazards and potential environmental hazards occurring with them. The database of surveyed abandoned mines is used to provide for the prioritization of significant public and environmental hazards for remediation and reclamation planning. The inventory also allows the agency to accurately investigate public concerns and complaints, about abandoned mines in a timely manner. An abandoned mine might be used for criminal activities, such as a cache for stolen explosives or a body disposal site. The program assists law enforcement investigations and body recoveries. The administration of securing abandoned mines first prioritizes sites listed in the inventory based on the severity of the threat posed to public and environmental safety. Through this prioritization, structures are designed as necessary for abandoned mine closures on state lands. The cost of field construction work to secure these mines is provided the Abandoned Mine Safety Fund through mining industry donations,

private citizen donations, and a matching appropriation from the legislature. The program performs regular monitoring to assure mine closures remain in good condition. The program coordinates identifying and securing abandoned mines with local, state, and federal agencies as well as other states and volunteer groups. Groups include the Yuma County Sheriff's Search and Rescue Group, the Maricopa County Sheriff's Office Mountain Search and Rescue Group, Arizona Department of Mines and Mineral Resources, Maricopa County Parks, Arizona State Land Department, Arizona Game and Fish, Arizona State Historic Preservation Office, Arizona Department of Environmental Quality, Department of Labor Mine Safety and Health Administration, Bureau of Land Management, Forest Service, Environmental Protection Agency, Western Governors Association, and the National Association of Abandoned Mined Land Programs, which is comprised of 27 states and three Indian Tribes.

- The Mined Land Reclamation Program, working in cooperation with mining companies, consultants, and other state and federal governmental agencies, approves or rejects mine reclamation plans and financial assurance mechanisms submitted by all metalliferous mining units and exploration operations with surface disturbances greater than five acres. Annual reviews and on-site inspections of the regulated mines are a part of the continual monitoring process to establish compliance to the Mined Land Reclamation laws, rules and regulations.

The Arizona State Mine Inspector participates and interfaces with other agencies and non governmental organizations such as,

- Homeland Security, Department of Emergency and Military Affairs, Rapid Response Team when required to provide a database of the purchase, sale, use, and storage of explosive materials as provided under the Arizona Revised Statutes and to coordinate use of privately owned mining equipment and personnel in response to WMD events.
- The Arizona Mexico Commission to coordinate interstate mining issues such as transportation, pollution, safety practices and reclamation.
- Navigable Stream Commission to supply information relating to mining commerce.
- World Affairs Council and The United Nations for information relating to mining commerce and practices.
- Agua Fria Recreation Corridor District Commission in consultation for aggregate and other mining activities.

Other organizations the Mine Inspector's Office interacts with include:

- International Society of Mine Safety Professionals
- International Society of Safety Engineers
- National Safety Council
- Society for Mining, Metallurgy, and Exploration
- Southwest Safety Congress
- Arizona Rail Passenger Association
- Arizona Energy Association
- J.A. Holmes Safety Association
- National Association of State Mine Inspection and Training Agencies
- Mine Safety Institute of America

Our team of experienced mine safety professionals strive to continually improve programs and services of the Agency so Arizona will be not only a leader in mining production, but in SAFE PRODUCTION as well.

MINE SAFETY ENFORCEMENT

During calendar year 2004, the inspection team performed 442 health and safety inspections, which identified 703 violations of the mining code for corrective actions by the mine operators.

Types of Operations	No. of Inspections	No. of Violations	No. of Employees	No. of Mines (Operating Units)
Surface Metal Mines, Mills, SX-EW Plants, Smelters, and Refineries	51	103	6,676	91
Rock Products, Sand & Gravel, Pits, Quarries, Batch and Hot Plants	322	527	4,665	541
Underground Mines	4	2	23	4
Contractors	64	71	2,232	158
TOTALS	442	703	13,499	794

In addition to mine safety and health inspections, the Mine Inspector investigates complaints related to safety and health issues in mines and performs inspections of underground diesel equipment, elevators, and new electrical equipment installed in mines where permits are required.

- Annual Elevator Inspections with Permits Issued 32
- Underground Diesel Equipment with Permits Issued 6
- Citizen Complaints Investigated 23
- Employee Complaints 4
- Interagency Complaint Referrals 3
- New Electrical Equipment Installations 5
- Inspector Visits 26

Combined efforts of mine operators with the agency's mine safety enforcement, education, and training programs provide significant tools to reduce and control the accident frequency for Arizona's mining industry. Incident rates from U.S. Department of Labor reports for NFDL (non fatal days lost time and/or restricted duty) accidents for metal, non metal, sand and gravel mines are shown in the table below. Incident rate is the number of NFDL accidents per 200,000 man-hours.

	2001	2002	2003	2004
National NFDL Accident Incidence Rate	2.77	2.65	2.94	2.77
Arizona NFDL Accident Incidence Rate	2.04	2.27	2.72	2.96

REPORTABLE (LOST TIME) ACCIDENTS

Type	Company	Mine	No. of Accidents	
Overexertion	ASARCO, Inc.	Hayden Smelter	Gila	1
	ASARCO, Inc.	Mission Unit Pit	Pima	2
	ASARCO, Inc.	Ray Complex	Pinal	4
	Blaser Corp.	Black Cat Quarry	Coconino	2
	Blaser Corp.	Mills Quarry	Coconino	6
	Blaser Corp.	Santa Cruz Quarry	Coconino	2
	Harley Gray Stone	Appletree Quarry	Coconino	1
	Horner Stone	Cucomunga Quarry	Coconino	1
	Phelps Dodge Bagdad	Bagdad	Yavapai	2
	Phelps Dodge Morenci	Mine	Greenlee	7
	Phelps Dodge Morenci	Hydromet SXEW		2
	Phelps Dodge Sierrita	Mine	Pima	1
	Vroom Engineering	Various	Various	1
	Total			32

**Struck
By/Against**

ASARCO, Inc.	Hayden Smelter	Gila	4
ASARCO, Inc.	Ray Complex	Pinal	2
Blaser Corp.	Mills Quarry	Coconino	7
Buckeye Sand and Gravel	Buckeye	Maricopa	1
D.L. Campbell Co.	Sand Pit Rd.	Mojave	1
Harley Gray Stone	Appletree	Coconino	2
Horner Stone	Cucomunga	Coconino	1
Laron, Inc.	Various	Various	1
Phelps Dodge Bagdad	Mine	Yavapai	2
Phelps Dodge Miami	Smelter	Gila	1
Phelps Dodge Morenci	Mine	Greenlee	2
Total			24

Type	Company	Mine	No. of Accidents
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**Fall Same Level
And Below**

ASARCO, Inc.	Hayden Smelter	Gila	1
ASARCO, Inc.	Mission Unit Pit	Pima	1
Phelps Dodge Bagdad	Mine	Yavapai	3
Phelps Dodge Bisbee	Copper Queen	Cochise	1
Phelps Dodge Miami	Mine	Gila	1
Phelps Dodge Miami	Smelter	Gila	1
Phelps Dodge Morenci	Morenci	Greenlee	1
Total			9

**Caught On/
Between/In**

Arizona Portland Cement	Rillito Mill	Pima	1
ASARCO, Inc.	Hayden Smelter	Gila	2
ASARCO, Inc.	Ray Complex	Pinal	2
Blaser Corp.	Mills Quarry	Coconino	2
Harley Gray Stone	Nine Strike Quarry	Coconino	2
Harley Gray Stone	Partridge Quarry	Yavapai	1
Horner Stone	Cucomunga Quarry	Coconino	1
Phelps Dodge Bagdad	Bagdad	Yavapai	1
Phelps Dodge Miami	Mine	Gila	1
Phelps Dodge Morenci	Hydromet SXEW	Greenlee	1
Total			14

**Contact
With/By**

Arizona Portland Cement	Rillito Mill	Pima	1
ASARCO, Inc.	Hayden Smelter	Gila	1
ASARCO, Inc.	Mission	Pima	1
Blaser Corp.	Mills Quarry	Coconino	3
Phelps Dodge Bagdad	Mine	Yavapai	3
Phelps Dodge Miami	Mine	Gila	1
Phelps Dodge Morenci	Hydromet SXEW	Greenlee	4
Phoenix Cement	Gypsum Mine	Yavapai	3
Total Reportable Accidents 2004			96

FATAL ACCIDENTS

In 2004, one fatal accident was reported at the ASARCO, Inc. Hayden Smelter and investigated by the Arizona State Mine Inspector.

On Monday December 6, at 10:59 am Arthur Flores Quintana was electrocuted while repairing a disconnect device for conductors in the ceiling of the "Treater Floor" of the R&R Cottrell Treatment Plant. Mr. Quintana was a Head Cottrell Operator with 34 years and 11 months experience.

2004 Operating Units By County

The following pages contain the operating mines, plants, and contractors active in 2004. These figures represent 794 operating units with 13,499 workers.

County	Company	Mine/Plant	Type	Product
Apache	Arizona Silica Sand Co.	Houck Operations	Open Pit Mine	Sand, Industrial
	Engelhard Corp.	Cheto Mines	Open Pit Mine	Clay
	Francis Day & Sons	Barth Pit	Aggregate Plant	Aggregates
	Francis Day & Sons	Richville Pit	Aggregate Plant	Aggregates
	SBS, Inc.	Cheto Mine 1	Open Pit Mine	Clay
	Town of Springerville	Various Mine Sites	Aggregate Plant	Sand & Gravel
	Town of Eager	Various Mine Sites	Aggregate Plant	Sand & Gravel
	Apache County Engineering	Concho Gravel Pit	Aggregate Plant	Aggregates
	Apache County Engineering	Stanford Pit	Aggregate Plant	Cinders
	Apache County Engineering	Davis Pit	Open Pit Mine	Cinders
	S & M Construction, Inc.	Hall Pit	Aggregate Plant	Sand & Gravel
Cochise	Nord Copper Corp.	JOHNSON CAMP MINE	SX-EW Plant	COPPER
	City of Bisbee	COPPER QUEEN MINE	Mining Museum	Mine Tour
	Huachuca Concrete, Inc.	Huachuca Pit, Crusher #1	Aggregate Plant	Aggregates
	Phelps Dodge Bisbee	Copper Queen	Open Pit Mine	Copper
	Young Block Co., Inc.	SierraVista Sand Pit	Aggregate Plant	Aggregates
	Texas Canyon Rock & Sand	Texas Canyon Rock & Sand	Aggregate Plant	Aggregates
	UOP Molecular Sieve	Bowie Operation	Open Pit Mine	Chabazite Clay
	Maddux & Sons, Inc.	Equipment #002	Aggregate Plant	Aggregates
	Willcox Rock & Sand	Riggs Pit	Aggregate Plant	Sand & Gravel
	L. Sheldon & Company	Tombstone	Aggregate Plant	Aggregates
	Huachuca Concrete, Inc.	Huachuca Pit Batch Plant	Batch Plant	Concrete
	Rinker Materials	Plant 229 Sierra Vista	Aggregate Plant	Aggregates
	Rinker Materials	Plant 229 Sierra Vista	Batch Plant	Concrete
	Cross Spear Marble, Inc.	Cross Spear Pit	Quarry	Marble
	Willcox Rock & Sand	Riggs Pit	Batch Plant	Concrete
	JC Rock, LLC	Johnson Camp	Open Pit Mine	Rip/Rap
	Huachuca Concrete, Inc.	Kino Pit Crusher # 2	Aggregate Plant	Sand & Gravel
	Frei Trucking	Cochise	Aggregate Plant	Sand & Gravel
	Frei Trucking	Willcox Pit	Aggregate Plant	Sand & Gravel
	Huachuca Concrete, Inc.	Kino Pit Crusher # 2	Batch Plant	Concrete
	Copreco LLC.	Copreco LLC.	Bio Sulfide Plant	Copper
	Chemical Lime Company	Douglas Plant	Quarry	Lime

Coconino

Stoneworld	Classic Oak Quarry-Ash Fork	Quarry	Flagstone
A-Rock	Grey Mountain Pit	Aggregate Plant	Sand & Gravel
Dunbar Stone	Roeder Quarry	Quarry	Flagstone
Dunbar Stone	Armstrong Rose	Quarry	Flagstone
Flagstaff Cinder Sales, Inc.	Red & Black Pit	Open Pit Mine	Cinders
Blaser Corp dba American Sandstone	Coconino Quarry	Quarry	Flagstone
Howard Gray Stone	Ground Quarry	Quarry	Flagstone
Superlite Block	Darling/Winona	Open Pit Mine	Cinders
Drake Stone	M.C. Canyon Quarries	Quarry	Flagstone
Drake Stone	Rock House Quarries	Quarry	Flagstone
Blaser Corp. dba American Sandstone	Black Cat Quarry	Quarry	Flagstone
Coconino County Public Works	Sheep Hill	Open Pit Mine	Cinders
Espee Cinder Pit	Perrin Pit	Open Pit Mine	Cinders
Blaser Corp. dba American Sandstone	Mills Quarry	Quarry	Flagstone
Blaser Corp. dba American Sandstone	Golden Buckskin-Drake	Quarry	Sandstone
Hammond Wholesale	Fitzgerald Quarry-Ash Fork	Quarry	Flagstone
Dunbar Stone	Yellow Buck Quarry-Ash Fork	Quarry	Flagstone
Harley Gray Stone	Appletree Quarries-Drake	Quarry	Flagstone
Harley Gray Stone	Mary Lee Quarry-Drake	Quarry	Flagstone
Harley Gray Stone	Nine Strike Quarry-Drake/ Chi Chi	Quarry	Flagstone
Harley Gray Stone	Red Quarries-Ash Fork	Quarry	Flagstone
Horner Stone	Jericho Quarry	Quarry	Flagstone
Horner Stone	Bacon & Beans Quarry	Quarry	Flagstone
Horner Stone	Cucomunga Quarry	Quarry	Flagstone
Howard Gray Stone	Rosa Quarry-Drake	Quarry	Flagstone
Howard Gray Stone	Million \$ Buff formerly Peach Quarry	Quarry	Flagstone
J. C. Enterprises	Perez Quarry-Ash Fork	Quarry	Flagstone
Levin Stone	Ferno Quarry	Quarry	Flagstone
Levin Stone Co., Inc.	John Brown Quarry	Quarry	Flagstone
3 Wins Quarries	Jo-Ky oak	Quarry	Flagstone
Blaser Corp. dba American Sandstone	Santa Cruz Quarry	Quarry	Flagstone
Dunbar Stone	Bluejay Quarry-Ash Fork	Quarry	Flagstone
Levin Stone Co., Inc.	Buckskin II	Quarry	Flagstone
Arizona Department of Transportation	Second Knoll Pit	Open Pit Mine	Cinders
Dunbar Stone	Billy 1 and 2	Quarry	Flagstone

Levin Stone	Paradise	Quarry	Flagstone
Levin Stone Inc.	Stone Mountain	Quarry	Flagstone
Harley Gray Stone Company	Oak SW1/4 T23N R3W, S29	Quarry	Flagstone
Harley Gray Stone	Red SW 1/4, T 23N, R 3W, S 29	Quarry	Flagstone
Rinker Materials, Inc.	Plant # 337 / Gray Mountain	Aggregate Plant	Aggregates
Hammond Wholesale Flagstone	Hammond Oak	Quarry	Flagstone
Blaser Corp dba American Sandstone	Apache Quarry	Quarry	Flagstone
Arizona Pacific Materials	APM - Flagstaff	Open Pit Mine	Cinders
Coconino Cinders Sales	Wildcat Hill Pit	Open Pit Mine	Cinders
Fast Fred's , Inc.	Fast Fred's	Open Pit Mine	Cinders
Glory Enterprises, LLC.	Sheep Hill	Open Pit Mine	Cinders
Drake Stone	Blue Bird Quarry	Quarry	Flagstone
Harley Gray Stone	Oak Quarry	Quarry	Flagstone
Levin Stone Company, Inc.	Ash Fork Draw	Quarry	Flagstone
Stoneworld	JR's Quarry	Quarry	Flagstone
Miller Mining	Miller Pit	Open Pit Mine	Cinders
Rinker Materials, Inc.	UM Plant # 336	Aggregate Plant	Sand & Gravel
Stoneworld	Lizard Group	Quarry	Flagstone
Levin Stone Company, Inc.	Quarry Tank	Quarry	Flagstone
Levin Stone Company, Inc.	Oaky	Quarry	Flagstone
Levin Stone	Hillside Red	Quarry	Flagstone
Stoneworld	Champagne Quarry	Quarry	Flagstone
Olson Brothers / Williams Cinders	Williams Cinders	Aggregate Plant	Sand & Gravel
Hammond Wholesale Flagstone	Hammond Stone Mountain Quarry	Quarry	Flagstone
3 Wins Quarries	Lola Lee	Quarry	Flagstone
Horner Stone	J.B. Lite	Quarry	Flagstone
Blaser Corp. dba American Sandstone	Geronimo	Quarry	Flagstone
Star Stone Quarries	Crookton	Aggregate Plant	Sand & Gravel
Q-Max Co.	Red Lake Quarry	Aggregate Plant	Sand & Gravel
Gonzalez Mining Company	Ferno # 1	Quarry	Flagstone
Dunbar Stone	Antolini Red Quarry-Ash Fork	Quarry	Flagstone
Drake Stone	Lil' Red	Quarry	Flagstone
Stoneworld	Sedona Red Quarry-Ash Fork	Quarry	Flagstone
Levin Stone Co. Inc.	Lower Fitzgerald Quarry	Quarry	Flagstone
OK Materials	Chevelon Butte Pit	Quarry	Aggregates
Allen Grantham	Grantham Pit	Cinders	Cinders

	Horner Stone Inc.	Henderson Quarry	Sandstone	Sandstone
Gila	Tonto Redi-Mix, Inc.	Tonto Pit #1	Aggregate Plant	Sand & Gravel
	ASARCO, Inc.	Hayden Concentrator	Mill	Copper
	ASARCO, Inc.	Hayden Smelter	Smelter	Copper
	Phelps Dodge Miami Mining Corporation	Mine, SX/Tankhouse/Administration	Open Pit Mine	Copper
	Phelps Dodge Miami Mining Corporation	Refinery	Refinery	Copper
	Phelps Dodge Miami Mining Corporation	Rod Plant	Rod Plant	Copper
	Kessen & Kessen	Copper Hills Mine	Open Pit Mine	Silica Smelter Flux
	Kessen And Kessen	Cyprus Lime Quarry	Quarry	Lime
	BHP Copper, Inc.	Pinto Valley SX-EW & Tailings	SX-EW Plant	Copper
	Payson Concrete & Materials	Red Select Quarry	Aggregate Plant	Aggregates
	Payson Concrete & Materials	Payson Screening Plant	Aggregate Plant	Aggregates
	Smithco Enterprises, Inc.	Various Mine Sites	Aggregate Plant	Slag
	Rinker Materials	Plant 601	Aggregate Plant	Aggregates
	Rinker Materials	Plant # 602	Aggregate Plant	Sand & Gravel
				Granite/Decorative Stone
	Star Valley Granite	Star Valley Granite	Aggregate Plant	Aggregates
	Gradeline Construction, Inc.	Young Plant	Aggregate Plant	Gemstones
	Yellow Hair Trading & Mining	Sleeping Beauty	Open Pit Mine	Granite/Decorative Stone
	High Desert Materials	Young Mine	Aggregate Plant	Aggregates
	Payson Concrete & Materials	Tonto Basin Plant	Aggregate Plant	Copper
	Phelps Dodge Miami Mining Corporation	Smelter	Smelter	Granite/Decorative Stone
	Gila Redi-Mix,	Goat Creek Star Valley	Aggregate Plant	Concrete
	Payson Concrete & Materials	Tonto Basin Plant	Batch Plant	Concrete
	Payson Concrete & Materials	Payson Plant	Batch Plant	Asphalt
	Payson Concrete & Materials	Payson Plant	Hot Plant	Concrete
	Rinker Metro Materials	Plant 601	Aggregate Plant	Asphalt
	Rinker Metro Materials	Plant 601	Aggregate Plant	Granite/Decorative Stone
	R & H Boulders	R & H Mine	Screening Plant	
Graham	CKC Materials	Airport Pit	Aggregate Plant	Sand & Gravel
	CKC Materials	Airport Batch Plant	Batch Plant	Concrete
	Morris, WA, Sand & Gravel Co.	Morris Pit # 1	Aggregate Plant	Aggregates

	Morris, W. A. Sand & Gravel Co. Morris, W.A., Sand & Gravel Company Smith & Bell Construction CKC Materials Matthewsville Excavating Smith & Bell Construction J. T. S.Construction, Inc. Korwin Inc.	Morris Pit #1 Safford Safford Batch Plant Graham Pit Airport Hot Plant Matthewsville Pit Graham Batch Plant Daley Pit ONE TRACK	Hot Plant Batch Plant Aggregate Plant Hot Plant Aggregate Plant Batch Plant Aggregate Plant Open Pit Mine	Asphalt Concrete Sand & Gravel Asphalt Sand & Gravel Concrete Sand & Gravel Aggregates
Greenlee	Phelps Dodge Morenci Phelps Dodge Morenci Cisco Salvage Circle R Services B & W Commercial Caribou Inc. Wilkins Exploration & Development Co. Oakcreek Contracting, Inc. Tipton Contracting Jays Construction Greenlee County	Morenci Hydro-Met SXEW Morenci Mine Phelps Dodge Morenci Various Mine Sites P-D Morenci Various Mine Sites "R" Mountain Mine Old Virden Highway Pit Tipton Morenci Mine Virden Pit	Open Pit Mine Open Pit Mine Contractor Contractor Contractor Contractor Exploration Aggregate Plant Aggregate Plant Contractor Aggregate Plant	Copper Copper Salavage Maintenance Maintenance Maintenance Gold & Silver Aggregates Aggregates Construction Sand & Gravel
La Paz	La Paz County Public Works Double J Sand and Rock, L L C C & H Equipment LLC M.G. Quarries LLC Mineral Aggregate Recycling Service La Paz County Public Works La Paz County Public Works Dick Merritt American Bonanza Gold Q Mountain Rock & Sand Pioneer Sand Company Double J Sand and Rock, L L C International Energy & Resources Inc. Rio Del Monte Mine Fort McDowell Yavapai Materials	Vicksburg Pit Double J Golconda M.G. Quarry Ehrenberg Wash Pit Parker South Pit Cibola Pit Copperstone Mine Copperstone Mine Q-Mountain Quartzite Pit Double J Batch Plant Chaistain Mine Rio Del Monte Mine White Pit	Aggregate Plant Aggregate Plant Underground Mine Aggregate Plant Aggregate Plant Aggregate Plant Aggregate Plant Contractor Placer Aggregate Plant Aggregate Plant Batch Plant Open Pit Mine Aggregate Plant Aggregate Plant	Aggregates Aggregates Gold & Silver Decorative Stone Aggregates Aggregates Aggregates Gold Gold Sand & Gravel Decorative Stone Concrete Gold Decorative Stone Decorative Stone

Maricopa

Sunset Marble Company, LLC.
Fort McDowell Yavapai Materials

Copper Chief Mine
Various Mine Site

Aggregate Plant
Aggregate Plant

Marble
Decorative Stone

Vulcan Materials
Vulcan Materials
Vulcan Materials
South West Sand & Gravel, Inc.
Phoenix Brick Yard
Red Mountain Mining
Salt River Materials Group
San Tan Adobe, Inc.
Sun State Rock & Materials, Corp.
Cemex USA
Cemex USA
Cemex USA
Cemex USA
Cemex USA
Cemex USA

Plant 24-- Litchfield
Plant 12 - Sun City
West Plant
South West Sand & Gravel Pit
Tolleson Clay Pit
Red Mountain Quarry
Higley Road Plant
Queen Creek Plant
Plant 3
Sun City Plant #77
Plant # 62
West Plant # 72
Lehi Plant # 76
Mesa Plant #61

Aggregate Plant
Aggregate Plant
Aggregate Plant
Aggregate Plant
Open Pit Mine
Aggregate Plant
Aggregate Plant
Open Pit Mine
Aggregate Plant
Aggregate Plant
Batch Plant
Aggregate Plant
Aggregate Plant
Batch Plant

Aggregates
Aggregates
Sand & Gravel
Aggregates
Clay
Decorative Stone
Aggregates
Clay
Sand & Gravel
Sand & Gravel
Concrete
Sand & Gravel
Sand & Gravel
Concrete

Superstition Mountain Stone
Rinker Materials, Inc.
Rinker Materials, Inc.
Rinker Materials
Rinker Materials
Rinker Materials, Inc.
Rinker Materials
Rinker Materials
Rinker Materials
Rinker Materials
Rinker Materials
Hanson Aggregates
Rinker Materials, Inc.
Rinker Materials, Inc.
Mesa Materials, Inc.
Hanson Aggregates of Arizona
Salt River Materials Group
Salt River Materials Group
Rinker Materials, Inc.

Superstition Mountain Granite Pit
UM Plant 2
UM Plant 117
Plant 112
Plant 112 Batch Plant
UM Plant 115
Plant 112 Hot Plant
Plant 111 Batch Plant
Plant 111
Plant 111 Hot Plant
51 st Ave Pit / Plant #35
UM Plant 2 Beeline/McDowell
UM Plant 108
Mesa Plant
San Domingo Pit
Dobson Plant
Beeline Plant # 2
UM Plant 2

Aggregate Plant
Batch Plant
Batch Plant
Aggregate Plant
Batch Plant
Batch Plant
Hot Plant
Batch Plant
Aggregate Plant
Hot Plant
Aggregate Plant
Hot Plant
Batch Plant
Aggregate Plant
Aggregate Plant
Aggregate Plant
Aggregate Plant
Aggregate Plant

Granite/Decorative
Stone
Concrete
Concrete
Aggregates
Concrete
Concrete
Asphalt
Concrete
Aggregates
Asphalt
Concrete
Aggregates
Aggregates
Aggregates
Aggregates
Aggregates
Aggregates

Salt River Materials Group	Glendale Plant	Aggregate Plant	Aggregates
Salt River Materials Group	Sun City Plant	Aggregate Plant	Aggregates
Salt River Materials Group	Beeline Plant # 1	Aggregate Plant	Aggregates
Cemex USA	El Mirage	Aggregate Plant	Aggregates Granite/Decorative Stone
Ft. McDowell Sand & Gravel	Sanner Pit	Aggregate Plant	Construction
Canyon Country Contracting Company	Various Mine Sites	Contractor	Mica
AZCO Mining Inc.	Black Canyon Mica	Open Pit Mine	Sand & Gravel
Hanson Aggregates	Agua Fria Plant / River Ranch	Aggregate Plant	Decorative Stone
All Star Materials, Corp.	South Mountain Grey Green	Aggregate Plant	Granite/Decorative Stone
Golden Sunset Mining & Milling Co. LLC	Desert Rose Silica Sand	Aggregate Plant	Aggregates
T.R.P. LLC	51st Ave & Broadway	Aggregate Plant	Aggregates
Hanson Aggregates	Plant # 46 Hasayampa	Aggregate Plant	Salt
Morton Salt, A Rohm & Haas Company	Glendale	In-Situ	Aggregates Granite/Decorative Stone
Sun State Rock & Materials	Plant 1, 115th and Beardsley	Aggregate Plant	Decorative Stone
Kilauea Crushers, INC.	Picacho Mine	Aggregate Plant	Sand & Gravel
Kilauea Crushers	Plant 2 / Jomax Plant	Aggregate Plant	Sand & Gravel
West Valley Sand & Gravel, Inc.	West Valley Agua Fria Plant	Aggregate Plant	Aggregates
RMC Chandler Ready Mix, Inc.	Bard Ranch	Aggregate Plant	Decorative Stone
Phoenix San Man	Goodyear WashPlant # 13	Aggregate Plant	Aggregates
Custom Landscape Materials LLC	Bighorn Pit	Aggregate Plant	Aggregates
Sun State Rock and Material	Plant 6, North Central Avenue	Aggregate Plant	Aggregates
Arizona Materials	Plant # 1	Aggregate Plant	Aggregates
New West Materials	Val Vista	Aggregate Plant	Concrete
Mesa Materials, Inc.	Sun Plant # 2	Aggregate Plant	Concrete
Rockland Materials	Deer Valley Road	Batch Plant	Sand & Gravel
Maricopa Readymix Concrete Company	Litchfield Plant - Plant # 3	Batch Plant	Concrete
Arizona Materials	Plant #4 West Buckeye Plant	Aggregate Plant	Gold & Silver
RMI Ready Mix	Sun City Plant	Batch Plant	Aggregates
Franklin Burns	Bland Mine # 22	Placer	Concrete
Ajax Sand & Rock	51st Avenue	Aggregate Plant	Asphalt
Maricopa Ready Mix	Mesa Plant 2	Batch Plant	Aggregates
Mesa Materials, Inc.	Mesa Plant	Hot Plant	Aggregates
New West Materials	Avondale Plant	Aggregate Plant	Aggregates
Rinker Materials	Plant # 106	Aggregate Plant	Aggregates

Maricopa Ready Mix
 Sun Land Materials LLC.
 Ft. McDowell Yavapai Materials
 Rinker Materials, Inc.
 Gold Mt. LLC
 Mesa Materials, Inc.
 Arizona Materials
 Vulcan Materials
 Vulcan Materials
 RMC Chandler Ready Mix Inc.
 Aztec Mining
 Rinker Materials Western Inc.
 T. R. P. LLC
 Phoenix San Man
 Hanson Aggregates
 Hanson Aggregates
 Hanson Aggregates of Arizona

Madison Granite Supply
 American Sand & Rock
 Rinker Materials
 Pioneer Sand Company
 America Aggregates
 Cemex USA
 Brothers Four
 Brothers Four
 Buckeye Sand & Gravel
 SLPR, LLC aka Saager Properties
 SLPR, LLC aka Saager Properties
 Hanson Aggregates
 Circle H Sand and Rock
 AZCO Mining Inc.
 Gila Sand & Rock, Div. of Vista
 Vulcan Materials CalMat Division
 Kilauea Crushers Inc.
 Hanson Aggregates

Sun City Plant # 1
 Laveen
 Dean Road Property
 Plant 118
 Golden Reef
 Sun Materials Plant # 2
 Plant # 1
 Plant 12 - Sun City
 Plant 12 - Sun City
 Bard Ranch Batch Plant
 Anchor Bay Pit
 Hassayampa
 Southern & Dysart
 Sun City Plant # 13
 51 st Ave Pit / Batch Plant #35
 Agua Fria Plant / River Ranch
 San Domingo Pit / Wickenburg

Madison Granite Pit
 Cat Claw Mine
 Plant 110 Batch Plant
 Pioneer Hasayampa
 America Aggregates
 Sun City Plant #67
 Elliot Plant
 85 Plant
 Buckeye Plant
 Saager Properties
 Saager Properties
 Higley Road Plant
 El Mirage
 Glendale
 Gila Bend Pit
 University Plant Main
 Estrella
 51 st Ave Pit / Hot Plant #35

Batch Plant	Concrete
Aggregate Plant	Sand & Gravel
Aggregate Plant	Aggregates
Aggregate Plant	Aggregates
Placer	Gold & Silver
Hot Plant	Asphalt
Batch Plant	Concrete
Batch Plant	Concrete
Hot Plant	Asphalt
Batch Plant	Concrete
Aggregate Plant	Aggregates
Aggregate Plant	Sand & Gravel
Aggregate Plant	Aggregates
Aggregate Plant	Aggregates
Batch Plant	Concrete
Batch Plant	Concrete
Batch Plant	Concrete
	Granite/Decorative
	Stone
Aggregate Plant	Decorative Stone
Aggregate Plant	Concrete
Batch Plant	Concrete
Aggregate Plant	Sand & Gravel
Aggregate Plant	Aggregates
Batch Plant	Concrete
Aggregate Plant	Sand & Gravel
Aggregate Plant	Sand & Gravel
Aggregate Plant	Sand & Gravel
Aggregate Plant	Aggregates
Batch Plant	Concrete
Aggregate Plant	Sand & Gravel
Open Pit Mine	Mica
Aggregate Plant	Sand & Gravel
Aggregate Plant	Sand & Gravel
Aggregate Plant	Aggregates
Hot Plant	Asphalt

Mohave	Pioneer Sand Company	Navajo Pit / Castle Hot Springs	Aggregate Plant	Decorative Stone
	Hanson Aggregates	Sun City Batch Plant #33	Batch Plant	Concrete
	Rinker Materials, Inc.	UM Plant 107	Batch Plant	Concrete
	Rinker Materials	Plant # 106 Batch Plant	Aggregate Plant	Aggregates
	Cemex USA	West Plant # 72 Batch Plant	Batch Plant	Concrete
	ABC Sand & Rock	Camelback Road Pit	Aggregate Plant	Sand & Gravel
	Rinker Materials	Table Mesa	Aggregate Plant	Aggregates
	Arizona Materials	West Buckeye Batch Plant	Batch Plant	Concrete
	Vulcan Materials	West Plant / Batch	Batch Plant	Concrete
	Vulcan Materials	West Plant / Hot Plant	Hot Plant	Asphalt
	Custom Landscape Materials LLC	Belmont Pit	Aggregate Plant	Decorative Stone
	New West Materials	Avondale Hot Plant	Hot Plant	Asphalt
	RMC Chandler Ready Mix, Inc.	Hunter Pit	Aggregate Plant	Sand & Gravel
	Kentuck Rock	Kentuck Rock	Quarry	Shale
	Environmental Response, Inc.	Portable	Aggregate Plant	Aggregates
	Rinker Materials Western Inc.	59th Avenue	Aggregate Plant	Sand & Gravel
	BPC Excavators, Inc.	BPC Slate Quarry	Quarry	Shale
	Vulcan Materials	Plant 24-- Litchfield Batch Plant	Batch Plant	Concrete
	Granite Express	Barkley Pit	Aggregate Plant	Decorative Stone
	Arizona Materials LLC.	Plant #6 Hatfield	Batch Plant	Concrete
	Arizona Materials LLC.	Plant #2 Queen Creek	Batch Plant	Concrete
	Becho Incorporated	Becho Incorporated	Batch Plant	Sand & Gravel
	New West Materials	Val Vista	Hot Plant	Asphalt
	Salt River Materials Group	Olive Ave	Aggregate Plant	Sand & Gravel
	Salt River Materials Group	67th ave	Aggregate Plant	Sand & Gravel
	Maricopa Ready Mix LLC.	Higley Plant # 6	Batch Plant	Concrete
				Granite/Decorative
	Rock Breakers Construction Inc.	Sun State	Open Pit Mine	Stone
	Chandler Ready Mix	Glendale Pit	Aggregate Plant	Sand & Gravel
	Arizona Natural Gold	Apache Gold Boulder Mine	Open Pit Mine	Decorative Stone
	JDI-LLC Enterprises	DW Ranch Road Pit	Aggregate Plant	Sand & Gravel
	D.L. Campbell Company	Chemehuevi Pit	Aggregate Plant	Sand & Gravel
	Canyon Sand, Inc.	Arizona Plant	Aggregate Plant	Sand & Gravel
	Chemical Lime Company	Nelson Plant	Quarry	Lime
	Mercator Mineral Park Formerly			
	Equatorial	Mercator Mineral Park	Open Pit Mine	Copper

Desert Construction, Inc.	Hualapai Pit - Rosslynn Rd. Pit	Aggregate Plant	Aggregates
Dunbar Stone	Hualapai Chocolate	Quarry	Flagstone
Kalamazoo Materials, Inc. aka Able Earth	Valentine Pit	Aggregate Plant	Decorative Stone
McCormick Construction	Lake Havasu Hot Plant	Hot Plant	Asphalt
McCormick Construction	McCormick Pit / Rio Lomas III	Aggregate Plant	Sand & Gravel
Mohave Concrete	Lake Havasu Plant / Havarin Ranch	Aggregate Plant	Aggregates
			Granite/Decorative Stone
Kalamazoo Materials, Inc.	Chloride Pit	Aggregate Plant	Decorative Stone
Red Mountain Mining	Mineral Park Rock	Aggregate Plant	Decorative Stone
Resized Rock, Inc.	White Hills	Aggregate Plant	Aggregates
McCall Construction	McCall Pit	Aggregate Plant	Aggregates
Aztec Rock & Asphalt	Aztec Materials Quarry	Aggregate Plant	Aggregates
Thunderbird Materials	Sawmill Wash Pit	Aggregate Plant	Aggregates
Mohave Concrete	Oatman Pit #3-Mohave Valley	Aggregate Plant	Aggregates
			Granite/Decorative Stone
Red Mountain Mining	Hualapai Site	Aggregate Plant	Decorative Stone
Eureka Mining	Havasus Rose	Aggregate Plant	Decorative Stone
Kalamazoo Materials, Inc.	White Hills Mine	Aggregate Plant	Gypsum
Arizona Gypsum Mining Company	Mesquite Pit	Open Pit Mine	Brucite
Applied Chemical Magnesias Corp.	Brucite Mill	Mill	Aggregates
Rinker Materials, Inc.	Bullhead City Pit # 881	Aggregate Plant	Gold & Silver
D. S. Mine & Development	Excelisor	Placer	Concrete
Rinker Materials, Inc.	Bullhead City Pit # 881	Batch Plant	Aggregates
Rinker Materials, Inc.	Plant 1982 Fort Mohave	Aggregate Plant	Concrete
Rinker Materials, Inc.	Plant 1982 Fort Mohave	Batch Plant	Aggregates
Rock it Rock Products	Sacramento Pit	Aggregate Plant	Aggregates
Precision Aggregate Products, LLC	Hidden Valley	Aggregate Plant	Aggregates
Mohave County Road Department	Hualapai Pit, #HP919991	Open Pit Mine	Aggregates
TRI-R Constuction, Inc.	Silver Creek	Aggregate Plant	Aggregates
Chris Blythe's Aggregate Company	Lake Havasu Pit	Aggregate Plant	Aggregates
Sunshine Concrete & Materials Inc.	Mc Connico Pit / Kingman Plant	Aggregate Plant	Sand & Gravel
Tri State Materials	Beaver Dam	Aggregate Plant	Concrete
Tri State Materials	Beaver Dam	Batch Plant	Aggregates
JDM Sand & Rock, Inc.	Little Cedar	Aggregate Plant	Sand & Gravel
Continental Golf & Construction	Beaver Dam Plant	Aggregate Plant	Concrete
Sunshine Concrete & Materials	Lake Havasu Batch Plant	Batch Plant	Decorative Stone
Chase Crushing	White Hills	Aggregate Plant	

Precision Aggregate Products, LLC	Hidden Valley	Batch Plant	Concrete
Grand Wash Excavating, Inc.	Meadview Portable # 1	Aggregate Plant	Sand & Gravel
Sunshine Concrete & Materials, Inc.	Santa Fe Pit	Aggregate Plant	Sand & Gravel
D. L. Campbell Company, Inc.	Sand Pit Road	Aggregate Plant	Aggregates
Mohave Concrete	Oatman Pit #3-Mohave Valley	Aggregate Plant	Aggregates
Sunshine Concrete & Materials	Airport Pit	Aggregate Plant	Aggregates
City of Bullhead	Portable Powerscreen	Aggregate Plant	Aggregates
Laron Inc.	Various Mine Sites	Contractor	Maintenance
Sunshine Concrete & Materials Inc.	Kingman Batch Plant	Batch Plant	Concrete
Western Mining and Minerals	Black Rock / aka Snowflake	Quarry	Gypsum
OZ Rock	OZ Rock	Aggregate Plant	Aggregates
Keiwi Western Co.	Rinker Bullhead Pit	Hot Plant	Asphalt
Dayton Lundy Rock	Dayton Lundy Rock Kingman Pit	Aggregate Plant	Decorative Stone
S & S Concrete Materials LLC.	Pass Canyon	Aggregate Plant	Sand & Gravel
S & S Concrete and Materials LLC.	Pass Canyon	Batch Plant	Concrete
McCormick Construction	Lake Havasu Pit	Aggregate Plant	Aggregates
N.A. Degerstrom Inc.	Mineral Park Mine	Open Pit Mine	Copper
Campbell Redi Mix	Campbell Redi Mix	Batch Plant	Concrete
Desert Construction, Inc.	Hualapai Hot Plant	Hot Plant	Asphalt
Desert Construction, Inc.	Desert SR-66 Agg Plant	Aggregate Plant	Aggregates
Desert Construction, Inc.	Desert SR-66 Batch Plant	Batch Plant	Concrete
Navajo	Cholla Ready Mix	Aggregate Plant	Aggregates
	Brimhall Sand, Rock & Building Materials	Aggregate Plant	Sand & Gravel
	Brimhall Sand, Rock & Building Materials	Aggregate Plant	Sand & Gravel
	Brimhall Sand, Rock & Building Materials	Aggregate Plant	Sand & Gravel
	Cholla Ready Mix, Inc.	Aggregate Plant	Aggregates
	Hatch Construction & Paving, Inc.	Aggregate Plant	Aggregates
	Navajo County	Aggregate Plant	Aggregates
	Linden Pearce Construction	Aggregate Plant	Sand & Gravel
	Reidhead Sand & Rock, Inc.	Aggregate Plant	Aggregates
	Surface Contracting, Inc.	Aggregate Plant	Aggregates
	Hatch Construction & Paving Inc.	Aggregate Plant	Aggregates
	Dyna Rock	Aggregate Plant	Aggregates
	Dyna Rock	Aggregate Plant	Aggregates
	Perkins Cinder Company	Open Pit Mine	Cinders
	Perkins Valley Pit		
	Brimhall Pit Portable # 2		
	Decker Plant Cottonwood Wash		
	Hardluck Pit		
	Woodruff Butte		
	Four Mile Pit		
	First Knoll Pit		
	Linden Pit		
	Reidhead Sand & Rock		
	Brimhall Pit		
	Ellsworth Pit, Showlow Plant		
	Minnetonka		
	Chevelon		
	First Knoll Pit		

Arizona Department of Transportation	White Mt. Cinder Pits	Open Pit Mine	Cinders
Klukwan Contracting	Hardluck Pit	Hot Plant	Asphalt
Brimhall Sand, Rock & Building Materials	Decker Plant	Hot Plant	Asphalt
Hatch Construction & Paving, Inc.	Four Mile Batch Plant	Batch Plant	Concrete
Hatch Construction & Paving, Inc.	Four Mile Hot Plant	Hot Plant	Asphalt
Southwestern Stone Company	Gold Quarry	Quarry	Flagstone
Riedhead Crushing & Screening Co.	Duke Cinder Knoll	Open Pit Mine	Cinders
Thirsty Stone Resources	HTH1 Quarry	Quarry	Sandstone
Quality Ready Mix	Brimhall Pit	Batch Plant	Concrete
Reidhead Sand & Rock, Inc.	Reidhead Sand & Rock	Batch Plant	Concrete
Linden Pearce Construction	Linden Batch Plant	Batch Plant	Concrete
Linden Pearce Construction	Linden Hot Plant	Hot Plant	Asphalt

Pima

Arizona Portland Cement Company	Rillito Mill	Cement Plant	Cement/Lime
Asarco Silver Bell Mining LLC.	Silver Bell Mine	Open Pit Mine	Copper
ASARCO, Inc.	Mission Unit Pit	Open Pit Mine	Copper
Arizona Portland Cement Co.	Twin Peaks Rock & Stone	Aggregate Plant	Sand & Gravel
Phelps Dodge Sierrita Corporation	Phelps Dodge Sierrita	SX-EW Plant	Copper
Phelps Dodge Sierrita Corporation	Phelps Dodge Sierrita Mill	Mill	Copper
Phelps Dodge Sierrita Corporation	Sierrita Open Pit	Open Pit Mine	Copper
Downey, LA & Sons	Downey Sand and Gravel Pit	Aggregate Plant	Sand & Gravel
Granite Construction Company	Swan Road Pit	Aggregate Plant	Aggregates
Old Pueblo Adobe Co.	Adobe Plant	Aggregate Plant	Aggregates
Phoenix Brick Yard	Pantano	Aggregate Plant	Aggregates
RINKER MATERIALS.	Plant 223 Cortaro Plant	Aggregate Plant	Aggregates
Cemex USA	Ina Road Plant # 23	Aggregate Plant	Sand & Gravel
RMC Tucson Ready Mix, Inc.	Valencia Plant 64	Batch Plant	Concrete
RMC Tucson Ready Mix. Inc.	Valencia Plant 64	Aggregate Plant	Aggregates
RMC Tucson Ready Mix, Inc.	Orange Grove Plant 66	Aggregate Plant	Sand & Gravel
Valley Rock & Sand Company	McCann Pit	Aggregate Plant	Aggregates
Kalamazoo Materials, Inc.	Silverbell	Aggregate Plant	Decorative Stone
Cemex USA	Apex Plant # 22	Aggregate Plant	Sand & Gravel
rmc TUCSON REady Mix, Inc.	Crushing & Screening #5	Aggregate Plant	SAND & GRAVEL
RINKER MATERIALS	Cortaro Batch Plant I	Batch Plant	Concrete
Arizona Portland Cement Company	Rillito Quarry	Quarry	Limestone
Cemex USA	Pima Plant # 17	Aggregate Plant	Sand & Gravel

RINKER MATERIALS	Green Valley Plant 225	Batch Plant	Concrete
RINKER MATERIALS	Cortaro Hot Plant	Hot Plant	Asphalt
New West Materials, Co.	Pantano Plant	Hot Plant	Asphalt
Clay Mine Adobe, Inc.	Clay Mine Adobe	Open Pit Mine	Clay
Minerals Research & Recovery, Inc.	Ajo Plant	Aggregate Plant	Slag
Imerys Marble	Santa Rita Mine	Quarry	Limestone
Granite Construction Company	Tangerine Pit	Aggregate Plant	Aggregates
Sierra Mining LLC.	Hughes Sand & Gravel Pit	Aggregate Plant	Sand & Gravel
RINKER MATERIALS	Plant 222 Poorman Rd	Batch Plant	Concrete
RINKER MATERIALS	Plant 225 Green Valley	Aggregate Plant	Aggregates
RINKER MATERIALS	Valencia Plant # 221	Batch Plant	Concrete
Excalibur Excavating, Inc.	Sunset Pit	Aggregate Plant	Aggregates
Sierrita Ranching & Mining	McGee Ranch	Aggregate Plant	Aggregates
B & R Materials, Corp	Eastside Plant 3	Aggregate Plant	Sand & Gravel
Cemex USA	Ina Road Plant # 13	Batch Plant	Concrete
Cemex USA	Pima Mine Plant # 27	Batch Plant	Concrete
Jim Bush Sand & Gravel	Jim Bush	Aggregate Plant	Aggregates
New West Materials	Tucson TU1 Black Angus Pit	Aggregate Plant	Aggregates
Phelps Dodge Ajo	New Cornelia Branch	Open Pit Mine	Copper
		Miner Training	
University of Arizona	San Xavier Mine	Facility	Training
Churchman Sand & Gravel	River Road	Aggregate Plant	Sand & Gravel
Oracle Ridge Mining Partners	Oracle Ridge Mine	Underground Mine	Copper
RMC Tucson Ready Mix, Inc.	Granite/Tangerine Plant	Batch Plant	Concrete
Janosko's ACME / Mini-Mix Sand & Gravel			
Granite Construction Company	22nd and Pantano Plant	Aggregate Plant	Sand & Gravel
Granite Construction Company	Swan Road Pit	Hot Plant	Asphalt
Blake Reidhead dba BDR Transport	Tangerine Pit	Hot Plant	Asphalt
Ashby Surveying & Drafting, Inc.	Cemex Plant Ina Road	Aggregate Plant	Sand & Gravel
Cemex USA	AZ. Portland Cement	Contractor	Maintenance
Rinker Materials	Apex Plant # 12	Batch Plant	Concrete
Pioneer Sand Co.	Avra Valley	Batch Plant	Asphalt
New West Materials	Sierra Gold Pit	Aggregate Plant	Aggregates
New West Materials	Marana BKW 950	Aggregate Plant	Aggregates
Nelson Mining & Expioration LLC.	Marana BKW 950	Hot Plant	Asphalt
RMC Tucson Ready Mix, Inc.	Bloody Tanks Wash	Aggregate Plant	Aggregates
	Orange Grove Plant 66	Batch Plant	Concrete

	RMC Tucson Ready Mix, Inc.	Orange Grove Plant 66	Hot Plant	Asphalt
Pinal	OMYA CA, Inc. Pluess-Staufer CA, Inc.	Superior Quarry	Quarry	Marble
	Hanson Aggregates	Queen Creek Plant 42	Aggregate Plant	Sand & Gravel
	ASARCO, Inc.	Ray Complex	Open Pit Mine	Copper
	Phelps Dodge Tohono Corporation	Cyprus Tohono	Open Pit Mine	Copper
	Harborlite Corp.	Harborlite Mine/Mill	Open Pit Mine	Perlite
				Granite/Decorative Stone
	Little Hill Mines, Inc.	Little Hill Mine	Aggregate Plant	Stone
	BHP Copper, Inc.	San Manuel SX-EW Plant	SX-EW Plant	Copper
	BHP Copper, Inc.	San Manuel Oxide Pit	Open Pit Mine	Copper
	BHP Billiton, Inc.	San Manuel Plant	Mill	Reclamation
	BHP Billiton, Inc.	San Manuel Mine	Underground Mine	Reclamation
	Cemex USA	Queen Creek Plant 75	Aggregate Plant	Sand & Gravel
	Cemex USA	Queen Creek Plant 65	Batch Plant	Concrete
	Rinker	UM Plant 141	Aggregate Plant	Sand & Gravel
	Rinker Materials, Inc.	UM Plant 141	Batch Plant	Concrete
	Rinker Materials, Inc.	UM Plant 447	Batch Plant	Concrete
	Rinker Materials, Inc.	UM Plant 47	Aggregate Plant	Sand & Gravel
	Rinker Materials, Inc.	UM Plant 148	Aggregate Plant	Aggregates
	Rinker Materials, Inc.	UM Plant 148	Batch Plant	Concrete
	Rinker Materials, Inc.	UM Plant 449	Batch Plant	Concrete
	Rinker Materials, Inc.	UM Plant 141	Hot Plant	Asphalt
	Peter Kewitt and Sons, Inc.	PLANT 65 - GOLDER RANCH	Aggregate Plant	SAND & GRAVEL
	Rinker Materials, Inc.	UM Plant 449	Aggregate Plant	Aggregates
	Rinker Materials, Inc.	UM Plant 449	Hot Plant	Asphalt
	Walker Butte Granite	Walker Butte Granite	Aggregate Plant	Decorative Stone
				Granite/Decorative Stone
	Kalamazoo Materials aka Able Earth	Bonito	Aggregate Plant	Stone
	Arizona Pacific Materials	Queen Creek Plant	Aggregate Plant	Decorative Stone
	Kalamazoo Materials Inc.	Amber	Aggregate Plant	Decorative Stone
	Martin Group	Martin Plant	Aggregate Plant	Aggregates
	Oliver Mining Company	Queen Creek Pit	Aggregate Plant	Aggregates
	J. J. & J Gold Operations	Catalina Mine	Placer	Gold
	Southwest Rock Products	Queen Creek / Plant 1	Aggregate Plant	Aggregates
	Rinker Materials, Inc.	Superior Plant 546	Aggregate Plant	Aggregates
	Pioneer Sand	Picacho Peak Pit	Aggregate Plant	Aggregates

Ft. McDowell Sand & Gravel	Gila Diversion Dam/Florence	Aggregate Plant	Sand & Gravel
Phoenix San Man	Coolidge Plant # 11	Aggregate Plant	Sand & Gravel
Chattanooga Boiler & Tank Company	Various Mine Sites	Contractor	Maintenance
Stebbins Engineering & Manufacturing Co.	Various Mine Sites	Contractor	Maintenance
Kalamazoo Materials, Inc.	New Superior	Aggregate Plant	Aggregates
Pinal Gypsum	White Cross Mine	Open Pit Mine	Gypsum
Pinal Gypsum Company	Coolidge Plant	Mill	Gypsum
Cemex USA	Coolidge Plant	Aggregate Plant	Sand & Gravel
L. E. G. Enterprises, Inc.	L.E.G. Enterprises	Aggregate Plant	Aggregates
Maricopa Ready Mix	Coolidge Plant 4	Batch Plant	Concrete
			Granite/Decorative Stone
Treasure Chest Mining	Treasure Chest Pit	Aggregate Plant	Concrete
Rock Solid, Inc.	Queen Creek Plant	Batch Plant	Concrete
RMI Ready Mix	Queen Creek Plant	Batch Plant	Concrete
B & S Enterprises Sand & Gravel, L.L.C.	Coolidge Plant	Aggregate Plant	Aggregates
Oliver Mining Company	Coolidge Pit	Aggregate Plant	Aggregates
Resolution Copper Mining, LLC	Superior Mine	Underground Mine	Copper
			Granite/Decorative Stone
Pioneer Sand	Casa Grande Pit	Aggregate Plant	Gypsum
National Gypsum	Feldman	Open Pit Mine	Calcium Carbonate
Superior Marble, LLC	Superior Marble Mill	Mill	Aggregates
Pioneer Sand	San Tan Pit	Aggregate Plant	Granite/Decorative Stone
			Stone
Arizona Central Materials	Coolidge Plant	Aggregate Plant	Silica Smelter Flux
Smithco Enterprises, Inc.	Bobbitt Pit	Open Pit Mine	Granite/Decorative Stone
			Stone
Desert Stone Material	Desert Queen	Aggregate Plant	Sand & Gravel
Tee Pee Sand & Gravel	Tee Pee	Aggregate Plant	Granite/Decorative Stone
			Stone
Chandler Rock, Inc.	Big Nob	Aggregate Plant	Silver
Silver King Mining, LLC	Silver King Mine	Underground Mine	Gypsum
Superior Materials	Gypsum Pit	Open Pit Mine	Concrete
Rock Solid, Inc.	Coolidge Pit	Batch Plant	Decorative Stone
Red Hills Mining LLC	Red Hills Quarry	Aggregate Plant	Decorative Stone
Gila Rock Products, LLC	Harron Ranch - Superior	Aggregate Plant	Concrete
Hanson Aggregates	Queen Creek Batch Plant 42	Batch Plant	

	JALAG Enterprises White Cliffs Mining, Inc. Rinker Materials, Inc. ASARCO, Inc. ASARCO, Inc. Rinker Materials, Inc. Silver Star Mining Rinker Materials Florence T D Martin Group LLC Rinker Kalamazoo Materials Historical Explorations and Treasures	Jalag Pit White Cliffs Plant # 142, Queen Creek Ray Complex Ray Complex mill and concentrator Plant # 142, Queen Creek Silver Star Mining Rinker Materials Florence Tucson Ready Mix Plant # 640 Durham Hills Quarry Geronimos Cave	Aggregate Plant Open Pit Mine Aggregate Plant SX-EW Plant Mill Batch Plant Placer Aggregate Plant Wash Plant Aggregate Plant Aggregate Plant Mining Museum	Sand & Gravel Diatomite Aggregates Copper Copper Concrete Aggregates Aggregates Sand, Industrial Aggregates Aggregates Mine Tour
Santa Cruz	Tucson Ready Mix Coronado Group, LLC Collins Excavating Rinker Materials, Inc. Rinker Materials, Inc. George Ann Group	Agua Fria Plant Rio Rico Plant Rio Rico Sand & Rock Plant 228 Nogales` Plant 228 Nogales George Ann	Batch Plant Aggregate Plant Aggregate Plant Aggregate Plant Batch Plant Underground Mine	Concrete Aggregates Sand & Gravel Aggregates Concrete Hard Rock Tunnel
Yavapai	Phelps Dodge Bagdad Copper Company Phoenix Cement Company Phoenix Cement Company United Verde Matrerials Hanson Aggregates Yavapai Apache Sand & Rock Roy Anderson Stone Roy Anderson Stone Rinker Materials, Inc. Rinker Materials, Inc. Hanson Aggregates Asphalt Paving and Supply Ironite Products Company B & B Materials Charles Porter dba T-P, LTD Bitter Creek Materials	Bagdad Mine Phoenix Cement Plant Phoenix Cement Gypsum Mine Northfork Pit Clarkdale Pit Portable Equipment Bluebell Quarry Apache Plant 556 Plant 556 Yavapai Airport Pit PV Pit Ironite Products Various Mine Sites Copper Crown #11 Bitter Creek Materials	Open Pit Mine Cement Plant Open Pit Mine Aggregate Plant Aggregate Plant Aggregate Plant Quarry Quarry Aggregate Plant Batch Plant Aggregate Plant Aggregate Plant Open Pit Mine Aggregate Plant Open Pit Mine Aggregate Plant	Copper Cement/Lime Gypsum Aggregates Aggregates Aggregates Flagstone Flagstone Aggregates Concrete Sand & Gravel Aggregates Fertilizer minerals Sand & Gravel Exploration Sand & Gravel

Joe's Rock formerly Ashrock L.L.C. Rinker Materials, Inc. Donald E. Cook Harley Gray Stone	E-Z Ranch Plant # 550 Batch Placerita Gulch Partridge	Aggregate Plant Batch Plant Placer Quarry	Aggregates Concrete Gold & Silver Flagstone Granite/Decorative Stone
Prescott Valley Granite	Prescott Valley Granite Pit	Aggregate Plant	Granite/Decorative Stone
Granite Mountain Materials Material Delivery Inc. (M D I) Rinker Materials, Inc. G & S Sand & Rock ABC Materials Drake Stone	Dozie Pit Dewey Pit Prescott Valley Plant 551 Star Placer SANDERS PIT Diamond 7	Aggregate Plant Aggregate Plant Hot Plant Aggregate Plant Aggregate Plant Quarry	Decorative Stone Asphalt Sand & Gravel Aggregates Flagstone Granite/Decorative Stone
Rinker Materials, Inc. Harley Gray Stone	United Metro Pit # 552 Rattlesnake	Aggregate Plant Quarry	Flagstone Granite/Decorative Stone
Eureka Rock Rinker Materials Rinker Materials, Inc. Rinker Materials, Inc. Arrowhead Mining & Materials Henrickson Enterprises, LLC Roy Anderson Stone Hanson Aggregates Hanson Aggregates Stoneworld Roy Anderson Stone dba Rock Doodler Vanderbilt Minerals Corp. Triple R Stone Schuck Sand & Rock Weston Concrete & Materials, Inc. Chino Valley Materials Arizona Aggregate Removers Dunbar Stone Mike Mulcair Excavating Inc. Rinker Materials, Inc.	Vigil's Red Chino Valley Plant 553 UM Plant 556/Camp Verde UM Plant 553 Chino Valley Pit Dewey Plant Rainbow Clarkdale Pit Clarkdale Pit Mayer, Onyx Quarry Sedona Brown Lyle Mine Copper Queen Mine Got Rocks Wash Plant @ Got Rocks Pit Schiabie/Granite Creek Pit Jagged Tooth Pit Blue Moon/Matterhorn Midpoint Prescott Valley Plant 551	Aggregate Plant Aggregate Plant Hot Plant Aggregate Plant Aggregate Plant Aggregate Plant Quarry Batch Plant Hot Plant Aggregate Plant Quarry Open Pit Mine Quarry Aggregate Plant Batch Plant Aggregate Plant Quarry Quarry Aggregate Plant Aggregate Plant	Aggregates Asphalt Aggregates Sand & Gravel Sand & Gravel Flagstone Concrete Asphalt Decorative Stone Flagstone Gold Decorative Stone Sand & Gravel Aggregates Aggregates Aggregates Flagstone Sand & Gravel Asphalt

	Charter Materials, LLC.	Plant 100	Aggregate Plant	Aggregates
	T- Rocks Inc.	Kaibab Stone	Aggregate Plant	Decorative Stone
	Gimel Arizona Inc.	Buckhorn	Placer	Gold & Copper
	Yavapai Apache Sand & Rock	Portable Equipment	Batch Plant	Aggregates
	Brinkley Mining Inc.	Brinkley Mine	Placer	Gold
	Hanson Aggregates	Yavapai Airport Pit	Batch Plant	Concrete
	Asphalt Paving and Supply	PV Pit	Batch Plant	Concrete
Yuma	H & S Developers, Inc.	Fortuna Pit 1	Aggregate Plant	Sand & Gravel
	Don Kelland Materials, Inc.	Blaisedale Pit Yuma Pit # 1	Aggregate Plant	Sand & Gravel
	Don Kelland Materials, Inc.	County 19 Hot Plant	Hot Plant	Asphalt
	Tacna Sand & Gravel, LLC.	Roll Plant	Aggregate Plant	Sand & Gravel
	Rinker Materials	Hwy - 95 Plant	Aggregate Plant	Sand & Gravel
	Yuma County Department of Public Works	Yuma Portable	Aggregate Plant	Sand & Gravel
	Wellton-Mohawk	Viper Portable Screen	Aggregate Plant	Sand & Gravel
	BTZ dba Zellers Excavating & Paving	Black Hill Mine	Aggregate Plant	Sand & Gravel
	Don Kelland Materials, Inc.	County 19 Plant	Aggregate Plant	Sand & Gravel
	Don Kelland Materials, Inc.	Blaisedale Plant / Yuma Pit # 1	Hot Plant	Asphalt
	W & L Inc.	W & L Pit (Williams & Lebrecht)	Aggregate Plant	Aggregates
	BTZ dba Zellers Excavating & Paving	Black Hill Hot Plant	Hot Plant	Asphalt
	Rinker Materials	County 19	Aggregate Plant	Aggregates
	BLT Companies, LLC	BLT Materials Pit	Aggregate Plant	Sand & Gravel
	Western M. G. LLC	Western Yuma	Placer	Gold & Silver
	Rinker Materials	Hwy - 95 Plant	Hot Plant	Asphalt
	BTZ dba Zellers Excavating & Paving	Black Hill Batch Plant	Batch Plant	Concrete
	Las Flores	Las Flores	Quarry	Aggregates
	South West Original Rock Products LLC.	SWORP # 1	Aggregate Plant	Aggregates
	Saguaro Concrete	Rock in Roll	Aggregate Plant	Aggregates
Portable Plants	Granite Construction Company	Various Mine Sites	Contractor	Rip/Rap
	Payson Concrete & Materials	Crushing Plant/Screening Plant	Aggregate Plant	Aggregates
	C. S. McCrossan, Inc.	Portable Mining Equipment	Aggregate Plant	Sand & Gravel
	Morris, W.A. Sand and Gravel	Various Mine Sites	Aggregate Plant	Aggregates
	Wheeler Construction	Various Locations	Aggregate Plant	Aggregates
	Desert Road Builders, Inc.	Portable Equipment	Aggregate Plant	Sand & Gravel

Salt River Materials Group	Portable Equipment	Aggregate Plant	Aggregates
Phoenix San Man	PC Plant 15	Aggregate Plant	Aggregates
Staker Paving and Construction	Aztec Asphalt Plant Portable	Hot Plant	Asphalt
New West Materials	Sun City	Aggregate Plant	Aggregates
Superstition Crushing	all portable equipment	Aggregate Plant	Aggregates
RMC Chandler Ready Mix	Various Mine Sites	Aggregate Plant	Aggregates
Superstition Crushing	Various Locations	Aggregate Plant	Aggregates
F N F Mining Co.	71-14 Portable Various Sites	Aggregate Plant	Aggregates
F N F Mining Co.	71-10 Portable Various Sites	Aggregate Plant	Aggregates
F N F Mining Co.	79-03 Portable Various Sites	Aggregate Plant	Aggregates
F N F Construction	84-00 Portable	Aggregate Plant	Aggregates
Onyx Construction, Inc.	Various Sites	Aggregate Plant	Sand & Gravel
B. J. Cecil Trucking, Inc.	Various Mine Sites	Contractor	Materials Transport
F N F Construction	Portable 86-00	Aggregate Plant	Aggregates
Southwest Rock Products	Plant # 3, Coolidge	Aggregate Plant	Sand & Gravel
D & R Excavating	D & R Portable	Aggregate Plant	Excavation
Arrowhead Mining & Materials	Willow Lake	Aggregate Plant	Sand & Gravel
Yavapai County Public Works Dept.	Various Mine Locations	Aggregate Plant	Sand & Gravel
Hanson Aggregates of Arizona	Portable PC 54	Aggregate Plant	Aggregates
Mohave County Road Department	Kolman Portable	Open Pit Mine	Aggregates
F N F Construction Inc.	Portable 87-00	Hot Plant	Asphaltic Concrete
Cactus Welding Inc.	Various Mine Sites	Quarry	Maintenance
Doniker Crushing Corp.	Ash Fork Portable Plant	Aggregate Plant	Aggregates
New West Materials	Sun City	Hot Plant	Asphalt
Kiewit Western Co.	Various Sites / Portable	Aggregate Plant	Aggregates
Kiewit Western Co.	Various Sites / Portable	Hot Plant	Asphalt
McCormick Construction	McCormick Portable Hot Plant	Hot Plant	Asphalt
Bedrock Landscape Materials	Bedrock Portable Plant #1	Aggregate Plant	Aggregates
F N F Mining Co.	RE 5958	Contractor	Aggregates
F N F Mining Co.	RE 77-11	Contractor	Aggregates
Ft. McDowell Yavapai Materials	E.S White Pit	Contractor	Marble
Jake's Granite Supplies LLC.	Buckeye Pit	Contractor	Aggregates
Statewide Contractors	Ames Construction	Contractor	Construction
	Ashton Company, Inc. The	Aggregate Plant	Sand & Gravel
	Bonita Steel Builders, Inc.	Contractor	Construction

Bowen Machine & Fabricating, Inc.	Various Mine Sites	Contractor	Construction
Empire Southwest, LLC	Various Mine Sites	Contractor	Maintenance
Fann Contracting	Various Mine Sites	Contractor	Construction
Granite Construction Company	Various Mine Sites	Contractor	Maintenance
James Hamilton Construction Co.	Various Mine Sites	Contractor	Construction
M.J. Baxter Drilling Co.	Various Mine Sites	Contractor	Drilling & Blasting
Poem Services Corporation	Various Mine Sites	Contractor	Maintenance
PULICE CONSTRUCTION, INC.	Various Mine Sites	Contractor	Construction
Sun Western Contractors	Various Mine Sites	Contractor	Construction
Sundt Corporation, Inc.	Various Mine Sites	Contractor	Construction
Vroom Engineering & Mfg	Various Mine Sites	Contractor	Maintenance
Western Explosives Systems, Inc.	Various Mine Sites	Contractor	Drilling & Blasting
Willaims Detroit Diesel-Allison	Various Mine Sites	Contractor	Maintenance
JBS Industrial Maintenance, Inc.	Various Mine Sites	Contractor	Maintenance
Frontier - Kemper Constructors, Inc.	Various Mine Sites	Contractor	Construction
Cummins Southwest, Inc.	Various Mine Sites	Contractor	Maintenance
Cobre Tire / GCR Tire Centers	Various Mine Sites	Contractor	Tire Maintenance
Cimetta Engineering & Construction Co.	Various Mine Sites	Contractor	Maintenance
Sturgeon Electric	Various Mine Sites	Contractor	Maintenance
Road Machinery Company	Various Mine Sites	Contractor	Maintenance
Mountain Power Electrical Contractor, Inc.	Various Mine Sites	Contractor	Maintenance
Western States Drilling and Blasting, Inc.	Various Mine Sites	Contractor	Drilling & Blasting
Schuff Steel Company	Various Mine Sites	Contractor	Construction
Parsons Steel Erectors, Inc.	Various Mine Sites	Contractor	Construction
Layne Christensen Company	Various Mine Sites	Contractor	Exploration Drilling
Gilbert Electric Company, Inc.	Various Mine Sites	Contractor	Maintenance
Lamb Excavation, Inc.	Various Mine Sites	Contractor	Excavation
Concrete Restoration Systems, Inc.	Various Mine Sites	Contractor	Construction
Elbe Equipment	Various Mine Sites	Contractor	Drilling & Blasting
Titan Energy	Various Mine Sites	Contractor	Blasting
S & M Construction, Inc.	Phelps Dodge Morenci	Contractor	Construction
Mag-Trol Arizona, Inc.	Various Mine Sites	Contractor	Construction
Burk's Valley Sanitation, LLC.	Phelps Dodge Morenci Mine	Contractor	Maintenance
Park Corporation	Various Mine Sites	Contractor	Maintenance
Kvaerner Industrial Constructors	Various Mine Sites	Contractor	Construction

Purcell's Western State Tire	Various Mine Sites	Contractor	Maintenance
Thorpe Insulation Company	Various Mine Sites	Contractor	Maintenance
Network Transport Services, Inc.	Various Mine Sites	Contractor	Materials Transport
Vallen Hagemeyer Safety Supply	Various Mine Sites	Contractor	Safety Supplies
Haralsons Big A Auto Part	Phelps Dodge Morenci	Contractor	Maintenance
Bud's Electric	Various Mine Sites	Contractor	Construction
A-O Painting, Inc.	Various Mine Sites	Contractor	Maintenance
General Electric International, Inc.	Various Mine Sites	Contractor	Maintenance
Flo-Tech, Inc.	Various Mine Sites	Contractor	Construction
Young & Sons Contracting, Inc	Various Mine Sites	Contractor	Soil Cement
CDK Contracting Company	Various Mine Sites	Contractor	Construction
S. A. S. Industrial Maintenance Corp.	Various Mine Sites	Contractor	Maintenance
D.S. O'Leary	Various Mine Sites	Contractor	Exploration Drilling
Boice Construction Company	Various Mine Sites	Contractor	Construction
Custom Saw Cuts, Inc.	Various Mine Sites	Contractor	Construction
Clark Excavating, Inc.	Various Mine Sites	Contractor	Construction
Accurate Corrosion Control	Various Mine Sites	Contractor	Maintenance
Morris Material Handling	Various Mine Sites	Contractor	Maintenance
Service Insulation Systems, Inc	Various Mine Sites	Contractor	Maintenance
VIP International	Various Mine Sites	Contractor	Maintenance
Tower Performance Inc.	Various Mine Sites	Contractor	Maintenance
Leonard Construction Company	Various Mine Sites	Contractor	Maintenance
Excell Erectors	Various Mine Sites	Contractor	Construction
M & C Plastech, Inc.	Various Mine Sites	Contractor	Maintenance
Jonovich Companies, Inc.	Various Mine Sites	Contractor	Maintenance
Stewart Brothers Drilling	Various Mine Sites	Contractor	Exploration Drilling
Hamon Custodis	Various Mine Sites	Contractor	Maintenance
Linco - Western LLC	Various Mine Sites	Contractor	Blasting
Dalmolin Excavating	Various Mine Sites	Contractor	Excavation
Ace Pipe Cleaning	Various Mine Sites	Contractor	Maintenance
Fisher Industries, Southwest Industries	Various Mine Sites	Contractor	Aggregates
Chapman Electrical Contracting, Inc.	Various Mine Sites	Contractor	Construction
Material's Delivery Inc.	Various	Aggregate Plant	Sand & Gravel
Air Conditioning Maintenance	Various Mine Sites	Contractor	Maintenance
Desert Equipment Company	Various Mine Sites	Contractor	Aggregates
Catalina Well & Pump, LLC	Various Mine Sites	Contractor	Maintenance

Quackenbush Construction Corp.	Various Locations	Aggregate Plant	Aggregates
Durazo Construction Company	Various Mine Sites	Contractor	Construction
Sasol Southwest Energy, LLC	Various Mine Sites	Contractor	Drilling & Blasting
Stubbs Electrical	Various Mine Sites	Contractor	Maintenance
Applied Environmental Consultants, Inc.	Various Mine Sites	Contractor	Engineering
Zachry Construction Corporation	Various Mine Sites	Contractor	Construction
Bunney's	Various Mine Sites	Contractor	Construction
Trout Company, LLC	Various Mine Sites	Contractor	Concrete
H and H Trucking	Various Mine Sites	Contractor	Materials Transport
J & D Excavators	Various Mine Sites	Contractor	Drilling & Blasting
R. E. Monks Construction	Various Mine Sites	Contractor	Construction
Southwest Field Services	Various Mine Sites	Contractor	Maintenance
Desert Cleaning Janitorial Serv. Inc.	Various Mine Sites	Contractor	Maintenance
ACT Contracting	Various Minesites	Aggregate Plant	Sand & Gravel
Thunderbird Exploration, Inc.	Various Mine Sites	Contractor	Exploration Drilling
Pelto Enterprises	Phelps Dodge Morenci	Contractor	Reclamation
TB Contractors, Inc.	BHP Copper - Superior Mine	Contractor	Construction
ACM Equipment Rental & Sales	Sieritta Mill Impounds	Contractor	Maintenance
P & H Mine Pro Services	Various Mine Sites	Contractor	Maintenance
Copperstate Industrial Inst. Inc.	Various Mine Sites	Contractor	Maintenance
M T Environmental	Various Mine Sites	Contractor	Engineering
Arizona Equipment Fabrication LLC	Various Mine Sites	Contractor	Maintenance
Heritage Trucking Inc.	Various Mine Sites	Contractor	Materials Transport
Copperstate Industrial Services Inc.	Sierrita Open Pit	Contractor	Maintenance
F. L. Schmidt, Inc.	Phoenix Cement Company	Contractor	Construction
R. E. Lee Mechanical Contracting, INC.	Various Mine Sites	Contractor	Maintenance
Recon Refractory Construction, Inc.	Various Mine Sites	Contractor	Maintenance
Phillips Kiln Services	Various Mine Sites	Contractor	Maintenance
Maxim Crane Works	Various Mine Sites	Contractor	Safety Supplies
C & N Welding, Inc.	Various Mine Sites	Contractor	Construction
Eltech	Various Mine Sites	Contractor	Maintenance
Revmex USA, LLC	Various Mine Sites	Contractor	Maintenance
Arcadis G & M, Inc.	Various Mine Sites	Contractor	Engineering
Caterpillar, Inc.	Various Mine Sites	Contractor	Industrial Supplies
Western Power Service & Construction Co.	Various Mine Sites	Contractor	Construction

Avecia, Inc. AKA Cytec	Various Mine Sites	Contractor	Safety Supplies
Cienega Tek Services, LLC	Various Mine Sites	Contractor	Equipment Service
Rinker Materials, Inc.	Batch Plant# 104	Batch Plant	Concrete
JaLin Enterprises, Inc.	Various Mine Sites	Contractor	Maintenance
DC Cattle Company	Various Mine Sites	Contractor	Reclamation
5D Mining & Constuction Inc.	Various Mine sites	Contractor	Maintenance
Cajun Contractors, Inc.	Various Mine Sites	Contractor	Equipment Service
Mining Equipment Inc.	Various Mine Sites	Contractor	Equipment Service
Czerniski's Track Service	Various Mine Sites	Contractor	Maintenance
Conoco Phillips	Various Minesites	Contractor	Maintenance
Western Industrial Resources Corp.	Various Minesites	Contractor	Maintenance
Sunrise Materials LLC	Portable #1	Aggregate Plant	Decorative Stone
OPTCO Industrial Coatings	Various Mine Sites	Contractor	Maintenance
RAM Specialist	Various Mine Sites	Contractor	Materials Transport
Gooch Welding	Various Mine Sites	Contractor	Construction
Plasite Protective Coatings	Various Mine Sites	Contractor	Maintenance
IDRA, Incorporated	Various Mine Sites	Contractor	Materials Transport
Meadow Valley Contractors, Inc.	Statewide Hot Plant	Hot Plant	Asphalt
Meridian Engineering Company	Various Mine Sites	Contractor	Engineering
The Industrial Company aka TIC	Various Mine Sites	Contractor	Maintenance
Fletchers Tire	Various Minesites	Contractor	Maintenance
Genelco, Inc.	Various Mine Sites	Contractor	Maintenance
KLB Construction	Various	Contractor	Excavation
Tonto Supply	Little Cedar Knoll	Aggregate Plant	Aggregates/Asphalt
Air Liquide	Various Mine Sites	Contractor	Manufacturing
DRILL-TECH INC.	ASARCO- RAY	Contractor	Water Well Drilling
Fann Contracting	Various Mine Sites	Hot Plant	Construction
Hunter Contracting Co.	Various Mine Sites	Contractor	Construction
VCP Incorp. / Sunset Marble Company	Copper Chief Mine	Contractor	Drilling & Blasting
Concrete Sawing & Coring Inc..	Various Mine sites	Contractor	Construction
Boart Longyear	Statewide Locations	Contractor	Exploration Drilling
Bob's Diesel Service	Various Mine Sites	Contractor	Maintenance
Fisher Industries	Various Mine Sites	Contractor	Asphalt
Nielsons Skanska Inc.	Various Mine Sites	Contractor	Construction
Brandenburg Industrial Service Co.	BHP Copper San Manuel	Contractor	Demolition
O'Keefe Drilling	Various Mine Sites	Contractor	Drilling & Blasting

Ledcor Industries (USA) Inc.
M. W. H
Sawtooth Engine & Aircraft
Industrial Tool and Supply

Chemical Lime Douglas
Various Mine sites
Various Mines
Various

Contractor
Contractor
Contractor
Contractor

Construction
Construction
Demolition
Industrial Supplies

EDUCATION AND TRAINING

The Education and Training Program, through a federal grant, provides mine health and safety training for miners throughout the state. This past year, Education and Training has focused on training miners and contractors who work at surface operations. Our objectives are to teach subjects that meet the Federal training requirements and meet the needs of the student's hazard exposure. Newly employed inexperienced miners receive training in first aid certified by the National Safety Council for a lifesaving skill that may be used on and off the job. Course satisfaction survey, instructor observation, and other testing methods insure student understanding and provide feedback on teaching techniques.

Mine Safety Training courses are provided without charge to miners in both Spanish and English. In addition to providing training, the Education and Training Program maintains a "free lend" video library to the mining community to aid in safety training programs.

During the 2004, training year 7,606 students completed safety training through the Education and Training Program.

Number of Miners and Mine Contractors Trained	6717
Number of Instructors trained as MSHA Instructors	11
Number Trained in First Aid	878

Abandoned Mines Inventory and Remediation

Due to limited funding, the Abandoned Mines Program activities were confined to responding to complaints about abandoned mines near housing developments and supplying various types of information upon request. No additional funds were received in 2004 for the Abandoned Mine Safety Fund. Existing money in the fund is reserved for an emergency closure if required.

Over a dozen public complaints of dangerous abandoned mines were received in 2004. The complaints came from private citizens, local officials, and law enforcement concerned about mines and the public's safety. Complaints are investigated as soon as possible following their receipt. If the mine is in an area previously inventoried the file is consulted to determine the conditions. A field crew is then detached to investigate the site, making a photographic record of the site and detailing the conditions found. The county is contacted for determination of the owner or claimant. A warning letter is issued informing the owner of his legal responsibilities under the law. The owner must respond with plans within 60 days of notification. In the rare case of the owner not responding, the matter may be turned over to the county prosecutor for further follow-up.

Near Oatman, closure of an abandoned mine and the associated concern of new development brought a flurry of complaints early in the year. One owner was filling in an abandoned mine shaft to protect the public. Neighbors assumed the site would then be developed for additional housing. In another case, the Department of Public Safety inquired about a mine near Florence that potentially had a cache of old explosives stored inside. Upon further investigation it was determined that the explosives had been disposed of when the mine originally closed in the early 1980's. A homicide deputy from Pima County inquired late in the year for the location of a specific mine named as a possibility in a murder investigation. Several other complaints were investigated and the dangerous mines were safe-guarded by the mine or property owners.

Providing information constitutes a large portion of the work performed by the Abandoned Mines Program. In 2004 dozens of inquiries were answered. These range from simple location and ownership questions to requests for safety packets or abandoned mine signs. Approximately 500 signs were distributed to the public for posting on abandoned mines throughout the state. Additionally the program supervisor presented a paper at a workshop for the Interstate Technical Group on Abandoned Underground Mines sponsored by both the Arizona Department of Transportation and the US Department of Transportation: Federal Highway Administration.

MINED LAND RECLAMATION

Arizona's Mined Land Reclamation Act and Rules requires all metalliferous mines with five or more acres of disturbance on private land to submit reclamation plans and financial assurance mechanisms to the State Mine Inspector for review and approval. Approved plans require mine operators to submit annual status report updates. In 2004, eighteen annual status reports were received and reviewed; three mine sites were inspected for compliance; and one extension for completion of plan submittal was granted. A total of 67 acres of mined lands were reclaimed in 2004, and 373.93 acres of new disturbance was reported.

Company	Mine	Acres Reclaimed	Acres Disturbed
Addwest Minerals	Gold Road	0	0
ASARCO	Hayden	0	43.70
ASARCO	Mission	0	0
ASARCO	Ray	0	46.23
ASARCO	Santa Cruz	0	0
ASARCO	Silver Bell	0	53.00
BHP Billiton	Miami Unit	0	0
BHP Billiton	Pinto Valley	0	0
BHP Billiton	San Manuel	0	0
BHP Billiton	Superior	0	0
Carlota Copper Co.	Carlota	0	0
Equatorial Mining	Mineral Park	0	0
Merrill Mining	Florence	0	0
Phelps Dodge Mining	Bagdad	0	0
Phelps Dodge Mining	Miami	53.00	0
Phelps Dodge Mining	Morenci	0	150.00
Phelps Dodge Mining	Sierrita	14.00	81.00
Phelps Dodge Mining	Twin Buttes	0	0
Total		67.00	373.93